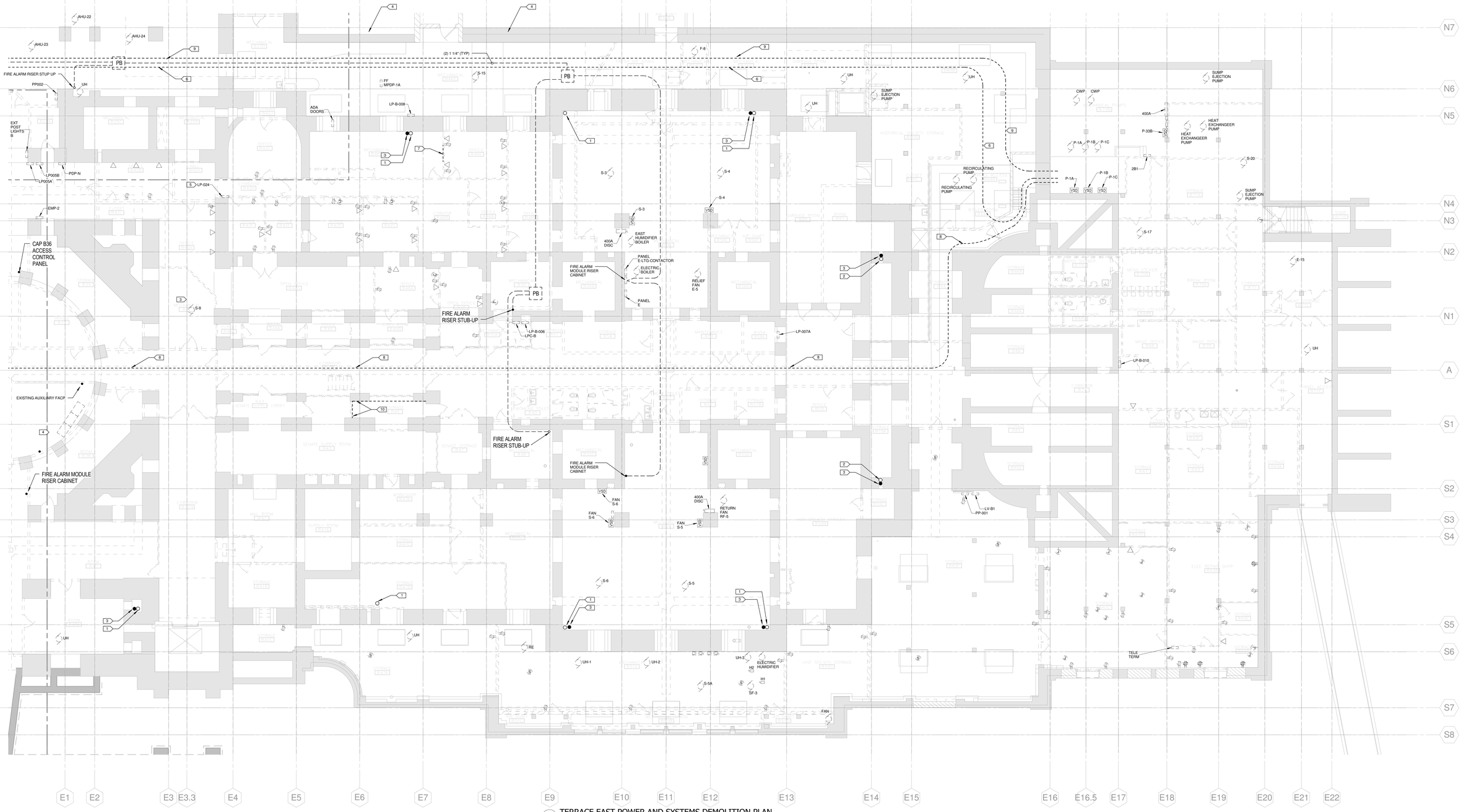


## 1 TERRACE EAST POWER AND SYSTEMS DEMOLITION PLAN

1/8" = 1'-0"

GENERAL NOTES:

A. EXISTING EQUIPMENT, DEVICES, AND LIGHTS INDICATED ON PLAN WERE TAKEN FROM EXISTING PLANS AND/OR FIELD OBSERVATION, AND SHALL NOT BE CONSIDERED 100% ACCURATE. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATIONS OF EXISTING SYSTEMS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY AFFECT ANY WORK UNDER THIS CONTRACT.

B. CONTRACTOR SHALL FIELD VERIFY EXACT CONDITIONS PRIOR TO ANY DEMOLITION. ELECTRICAL CONTRACTOR SHALL MAINTAIN CONTINUITY OF ADJACENT CIRCUITS TO DEVICES OR EQUIPMENT THAT ARE TO REMAIN DURING CONSTRUCTION. REROUTE CONDUIT AND WIRING AS NECESSARY.

C. UNLESS INDICATED OTHERWISE, DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES ON WALLS THAT ARE BEING DEMOLISHED. REMOVE ALL BRANCH WIRING AND CONDUIT BACK TO SOURCE. REFER TO THE ARCHITECTURAL PLANS FOR WALLS THAT ARE TO BE DEMOLISHED. FIELD VERIFY EXACT CONDITIONS PRIOR TO ANY DEMOLITION AND MAINTAIN CONTINUITY OF ADJACENT CIRCUITS TO DOWNSTREAM DEVICES/EQUIPMENT THAT REMAIN. REROUTE CONDUIT AND WIRING AS NECESSARY FOR ANY TEMPORARY POWER REQUIREMENTS. REPORT ANY DISCREPANCIES TO THE ENGINEER.

D. FIELD VERIFY ALL EXISTING ELECTRICAL CONDUIT THAT REMAIN IN THE CONSTRUCTION AREA IS PROPERLY SUPPORTED AS REQUIRED BY THE NATIONAL ELECTRICAL CODE. IF CONDUIT IS NOT PROPERLY SUPPORTED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY COMPONENTS REQUIRED TO PROVIDE FOR A CONDUIT INSTALLATION THAT MEETS THE REQUIREMENTS OF THE NEC.

E. DEMOLITION AND REMOVAL OF THE MECHANICAL EQUIPMENT ON THIS PLAN IS THE RESPONSIBILITY OF DIV. 23. DISCONNECTION OF THE ELECTRICAL SERVICES TO THE EQUIPMENT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. UNLESS NOTED OTHERWISE REMOVE ALL BRANCH CIRCUIT WIRING AND FEEDER WIRING AND ACCESSIBLE CONDUIT BACK TO SOURCE. IDENTIFY BRANCH CIRCUIT BREAKERS/SWITCHES MADE SPARE DURING DEMOLITION. VERIFY PANEL AND BRANCH CIRCUIT NUMBERS OF THE CIRCUITS BEING REMOVED. PROVIDED UPDATE PANEL SCHEDULES IDENTIFYING ANY SPARE BREAKERS OR SWITCHES.

F. ELECTRICAL DEVICES AND EQUIPMENT SHOWN AS DASHED ARE TO BE DEMOLISHED AND IS THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF UNLESS NOTED OTHERWISE. ELECTRICAL DEVICES/EQUIPMENT SHOWN WITH LIGHT SOLID LINE TYPE ARE EXISTING TO REMAIN. ANY ITEMS TO BE TURNED OVER TO FACILITIES MANAGEMENT WILL BE NOTED.

G. COORDINATE CUTTING AND PATCHING AS NECESSARY WITH GENERAL CONTRACTOR AND ARCHITECT FOR REQUIRED FLOOR, WALL, AND ROOF OPENINGS.

H. ANY BELOW GRADE CONDUIT OR PIPING THAT IS OUTSIDE THE BUILDING FOOT PRINT THAT IS TO BE ABANDONED SHALL BE DRAINED, FILLED/SEALED, AND CAPPED WITHIN THE BUILDING. LOCATIONS SHALL BE IDENTIFIED ON AS BUILT DRAWINGS.

I. DISCONNECT AND REMOVE ALL TELEPHONE/DATA OUTLETS AND ASSOCIATED RACEWAYS AND CABLING IN THE ROOM BACK TO SOURCE.

J. DISCONNECT AND REMOVE ALL FIRE ALARM AND SECURITY DEVICES AND ASSOCIATED RACEWAYS AND CABLING IN THIS ROOM BACK TO SOURCE.

K. REFER TO PLAN AND KEYNOTES FOR ANY EQUIPMENT AND DEVICES THAT ARE TO REMAIN OR IDENTIFIED AS TEMPORARY. IF NOT NOTED OR IDENTIFIED ALL ELECTRICAL DEVICES, LIGHTS, TELEPHONE/DATA DEVICES, FIRE ALARM DEVICES, SECURITY DEVICES, AND ASSOCIATED CONDUIT AND CABLING SHALL BE REMOVED.

L. REFER TO EXISTING PANELBOARD SCHEDULES FOR BRANCH CIRCUITS THAT ARE TO BE MAINTAINED, RELOCATED, OR TEMPORARILY POWERED DURING DEMOLITION AND CONSTRUCTION.

M. ALL PANELBOARDS, DISTRIBUTION BOARDS, AND SWITCHBOARDS SHALL BE DISCONNECTED AND REMOVED UNLESS NOTED OTHERWISE. REMOVE ASSOCIATED RACEWAYS AND CONDUCTORS BACK TO THE SOURCE. REFER TO RISER DIAGRAMS FOR MORE INFORMATION.

N. DISCONNECT AND REMOVE ALL EXISTING RACEWAYS AND CONDUCTORS SERVING ALL EXISTING MECHANICAL EQUIPMENT THAT IS TO BE DEMOLISHED BACK TO THE SOURCE UNLESS NOTED OTHERWISE.

O. ALL LIGHTNING PROTECTION SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. ALL AIR TERMINALS ARE SHOWN AS AN 'A' TYPE WHICH REPRESENTS THAT AT THAT LOCATION THERE IS AN EXISTING AIR TERMINAL.

P. DEMOLITION TO REMOVE SYSTEMS AND COMPONENTS SHALL BE LIMITED TO PRESERVE EXISTING HISTORIC BUILDING COMPONENTS AND FINISHES. PLEASE REFER TO THE ARCHITECTURAL DEMOLITION DRAWINGS FOR MORE INFORMATION ON ACCEPTABLE DEMOLITION APPROACH.

Q. THE ELECTRICAL DRAWINGS SHOW ALL EXISTING ELECTRICAL EQUIPMENT AND SYSTEMS AS CAN BE VIEWED OR AS INDICATED ON PREVIOUS CONTRACT DOCUMENTS AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS TO DETERMINE THE ENTIRE EXTENT OF EXISTING ELECTRICAL SYSTEM EQUIPMENT AND CONTROLS. THESE DRAWINGS SHOW DEMOLITION WORK THAT WILL BE COMPLETED IN TOTAL FOR ALL CONSTRUCTION PHASES, NOT JUST FOR THIS WP-1 SCOPE OF WORK. THIS CONTRACTOR SHALL LEAVE ALL EXISTING ELECTRICAL SYSTEM EQUIPMENT AND CONTROLS THAT ARE NECESSARY TO SERVE THE OCCUPIED BUILDING AREAS DURING WP-1, REMOVING ONLY THAT WHICH IS NECESSARY FOR WP-1 DEMOLITION.

R. REMOVE ALL TERRACE LEVEL CARD READERS AND TURN OVER TO THE OWNER AFTER ROOMS ARE NO LONGER IN USE. COORDINATE WITH CAPITOL SECURITY PRIOR TO REMOVAL OF ANY ACCESS CONTROL SYSTEM DEVICE.

S. REMOVE ALL TERRACE LEVEL FIRE ALARM DETECTORS AND NOTIFICATION APPLIANCES UNLESS OTHERWISE NOTED. MAINTAIN CIRCUIT CONTINUITY FOR DOWNSTREAM DEVICES. SALVAGE DEVICES AND RE-USE OR TURN OVER TO THE OWNER. MAINTAIN ELEVATOR RECALL SMOKE DETECTORS AND FUNCTIONALITY. PROVIDE SPEAKER/STROBES MOUNTED AT 30' INCREMENTS ON TEMPORARY PUBLIC CORRIDOR WALLS. MAINTAIN EXISTING FIRE ALARM SYSTEM MODULE RISERS AND (2) 1-1/4" RISER CONDUITS. MAINTAIN FIRE ALARM SYSTEM DEVICES IN RATHSKELLER AND ASSOCIATED KITCHEN. MAINTAIN SPRINKLER SYSTEM MONITORING.

T. REMOVE ALL TERRACE LEVEL SURVEILLANCE CAMERAS AND INTERCOM STATIONS AND TURN OVER TO OWNER. MOUNT TEMPORARY INTERCOMS AND CAMERAS SPACED AT 200' INCREMENTS ON TEMPORARY PUBLIC CORRIDOR WALL. MOUNT TEMPORARY CAMERAS AT EACH CORNER IN TEMPORARY CORRIDORS.

KEYNOTES: 1

1. EXISTING RAINLEADER.

2. EXISTING DOWNSPOUTS.

3. EXISTING LIGHTNING PROTECTION LEAD CONDUCTORS RUN DOWN ALONG THE OUTSIDE OF THE RAINLEADERS OR DOWNSPOUTS TO THE BASEMENT LEVEL. THEY ARE BONDED TO THE RAINLEADER OR DOWNSPOUT AT THE THIRD LEVEL. CABLES ARE STRAPPED AND SUPPORTED AS NECESSARY ALONG PATH.

4. EXISTING LIGHTNING PROTECTION IS BONDED TO THE DOMESTIC WATER SERVICE.

5. MAINTAIN EXISTING CIRCUIT 25 IN PANEL LP-024 WHICH SERVES THE DOME LIGHTING CONTACTOR. PROVIDE TEMPORARY MEANS TO KEEP THE CIRCUIT OPERATIONAL DURING CONSTRUCTION.

6. APPROXIMATE ROUTE ABOVE CEILING OF EXISTING CAMPUS FIBER OPTIC BACKBONE CABLES TO BE RELOCATED TO NEW WEST MAIN TELECOM ROOM AND EAST MAIN TELECOM ROOM ON TERRACE LEVEL. COORDINATE RELOCATION WITH MN.IT, PLANT MANAGEMENT DIVISION, HOUSE OF REPRESENTATIVES, REVISOR OF STATUES, ATTORNEY GENERAL'S OFFICE, GOVERNOR'S OFFICE, AND SENATE IT DEPARTMENTS.

7. EXISTING IT EQUIPMENT AND PHONE BOARD TO BE REMOVED. COORDINATE REMOVAL WITH MN.IT, PLANT MANAGEMENT DIVISION, HOUSE OF REPRESENTATIVES, REVISOR OF STATUES, ATTORNEY GENERAL'S OFFICE, GOVERNOR'S OFFICE, AND SENATE IT DEPARTMENTS.

8. APPROXIMATE ROUTE ABOVE CEILING OF EXISTING COMCAST CATV ½" HARDLINE COAX CABLES TO BE RELOCATED IN CONDUITS UNDER FLOOR SLAB. COORDINATE RELOCATION WITH COMCAST, SENATE MEDIA SERVICES, AND MN.IT IT DEPARTMENT.

9. APPROXIMATE ROUTE ABOVE CEILING OF EXISTING COMCAST FIBER OPTIC CABLES IN PVC CONDUIT TO BE RELOCATED UNDER FLOOR SLAB IN CONDUIT. COORDINATE RELOCATION WITH COMCAST, SENATE MEDIA SERVICES, AND MN.IT IT DEPARTMENT.

10. EXISTING PHONE BOARD TO BE REMOVED. COORDINATE REMOVAL WITH MN.IT, PLANT MANAGEMENT DIVISION, HOUSE OF REPRESENTATIVES, REVISOR OF STATUES, ATTORNEY GENERAL'S OFFICE, GOVERNOR'S OFFICE, AND SENATE IT DEPARTMENTS.

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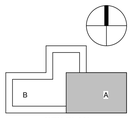
KEY PLAN




# Minnesota State Capitol Repairs, Restoration, & Preservation

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Saint Paul, MN 55155
SCB-02CB0015

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

NAME: LEIGH HARRISON
DATE: JUNE 14, 2013
REGISTRATION NUMBER: 45448

| NO | DESCRIPTION | DATE |
|---|---|---|

REVISION HISTORY - THIS SHEET

HGA NO: 0476-061-00

TERRACE EAST POWER & SYSTEMS DEMOLITION PLAN

WORK PACKAGE 1

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